

## Gulf of Mexico Harmful Algal Bloom Bulletin

5 December 2006

NOAA Ocean Service NOAA Satellites and Information Service

Last bulletin: November 8, 2006

## **Conditions Report**

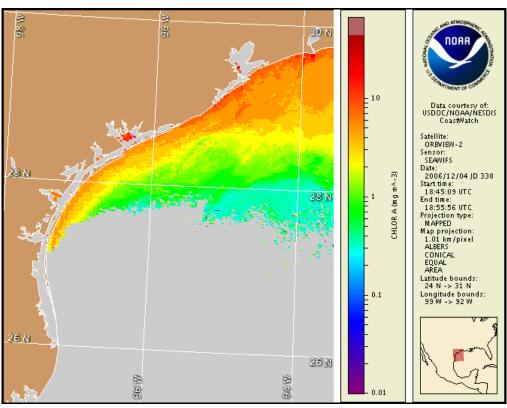
There have been no reports of red tide in the past two weeks. No impacts are expected in Texas. Check with the Department of State Health Services for shellfish conditions.

## Analysis

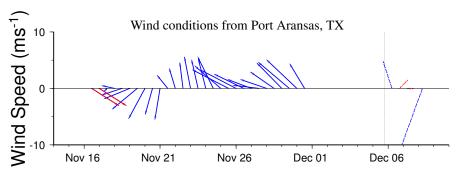
No reports of red tide, no impacts are expected on shore in Texas. Nothing new to report. Large anomaly south of Galveston Bay is most likely Mississippi River water.

-Wynne, Lopez

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from November 25-December 4 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). Cell count data from FWRI. For a key to the cell concentration descriptions, visit the FWRI web site: http://research.myfwc.com

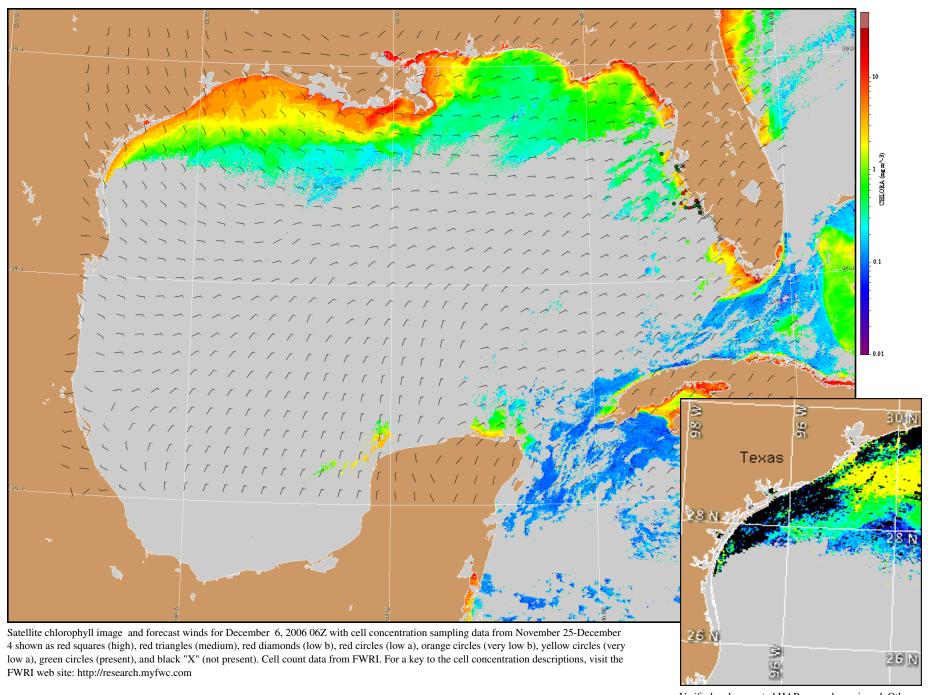


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

East wind are expected to switch to southerly winds by tomorrow. Winds will bewteen 5-10 knots.

Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.

Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.



Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).